

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/14574

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C33/38 B29C41/04 F24F13/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C F24F G06F F24H F25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 195 29 400 A (FUNKEN & CO GMBH) 13 February 1997 (1997-02-13)	1,3-5,8, 9,11,12
Y	the whole document	2,6,7,13
Y	EP 0 979 978 A (BSH FABRICACION S A) 16 February 2000 (2000-02-16) column 2, line 45 - line 56; claims 1-5,8; figures	2,6,7
Y	FR 2 798 913 A (NEVEUX ETS) 30 March 2001 (2001-03-30) page 7, lines 1-10 page 6, lines 2-10	13
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

6 July 2004

Date of mailing of the international search report

13/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Mathey, X

## INTERNATIONAL SEARCH REPORT

 Intern      if Application No  
 PCT/EP 03/14574

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SEIBI A C ET AL: "Design of copper filled fibreglass moulds for manufacturing a customized product using linear programming optimization and finite element analysis" COMPOSITES PART A: APPLIED SCIENCE AND MANUFACTURING, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 33, no. 12, 1 December 2002 (2002-12-01), pages 1677-1683, XP004402589 ISSN: 1359-835X page 1689 - page 1690, left-hand column; figures 4-6 -----	8-10
Y	EP 0 529 087 A (FANUC LTD) 3 March 1993 (1993-03-03) column 1, line 22 - line 42 -----	8-10
X	EP 0 761 976 A (FUNKEN & CO GMBH) 12 March 1997 (1997-03-12) -----	1,4,5,8,
Y	the whole document	9,12 2,3,6,7
Y	DE 84 21 866 U (ERICH DENKER) 9 October 1986 (1986-10-09) -----	2,3,6,7
A	the whole document	9,10
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 000627 A (MATSUSHITA ELECTRIC WORKS LTD), 6 January 1998 (1998-01-06) abstract -----	9-11

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14574

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19529400	A	13-02-1997	DE 19529400 A1	13-02-1997
			AT 196530 T	15-10-2000
			DE 59605912 D1	26-10-2000
			DK 767309 T3	22-01-2001
			EP 0767309 A1	09-04-1997
			ES 2151982 T3	16-01-2001
			GR 3035111 T3	30-03-2001
EP 0979978	A	16-02-2000	ES 2160447 A1	01-11-2001
			EP 0979978 A2	16-02-2000
FR 2798913	A	30-03-2001	FR 2798913 A1	30-03-2001
			PT 102516 A ,B	30-03-2001
EP 0529087	A	03-03-1993	JP 2649993 B2	03-09-1997
			JP 5185484 A	27-07-1993
			DE 69219034 D1	22-05-1997
			DE 69219034 T2	24-07-1997
			EP 0529087 A1	03-03-1993
			WO 9214598 A1	03-09-1992
			KR 9708244 B1	22-05-1997
			US 5549857 A	27-08-1996
EP 0761976	A	12-03-1997	DE 19529401 A1	13-02-1997
			AT 206505 T	15-10-2001
			DE 59607813 D1	08-11-2001
			DK 761976 T3	21-01-2002
			EP 0761976 A1	12-03-1997
			ES 2161949 T3	16-12-2001
			PT 761976 T	30-01-2002
DE 8421866	U	09-10-1986	DE 8421866 U1	09-10-1986
JP 10000627	A	06-01-1998	NONE	